


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 Searching within The ACM Digital Library with Advanced Search: (soho and network and active  
[a new search](#))

Found 20 of 239,255

REFINER YOUR SEARCH

[Search Results](#)
[Related SIGs](#)
[Related Conferences](#)

▼ Refine by Keywords

Discovered Terms

▼ Refine by People

Names  
Institutions  
Authors  
Reviewers

▼ Refine by Publications

Publication Year  
Publication Names  
ACM Publications  
All Publications  
Content Formats  
Publishers

▼ Refine by Conferences

Sponsors  
Events  
Proceeding Series

Results 1 - 20 of 20

 Sort by  in 
[Save results to a Binder](#)

- 1 [Cross-layer design to improve elastic traffic performance in WLANs](#)  
 Stephane Lohier, Yacine Ghamri Doudane, Guy Pujolle  
 July 2008 International Journal of Network Management , Volume 18 Iss  
 Publisher: John Wiley & Sons, Inc.  
 Full text available: Pdf (1.10 MB) Additional Information: [full citation](#), [abstract](#), [referen](#)  
 Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 48, Citation (

In this paper, we are interested in improving TCP flow performance whe  
 802.11 signal leads to losing segments and triggers inappropriately TCP  
 control mechanisms. A set of measurements in a common wireless envi

- 2 [Using the WWW as the delivery mechanism for interactive, visualiza](#)  
[instructional modules \(report of the ITICSE '97 working group on visu](#)  
 Thomas Naps, Joseph Bergin, Ricardo Jiménez-Peris, Myles F. McNally, Mar  
 Martínez, Viera K. Proulx, Jorma Tarhio  
 June 1997 ITICSE-WGR '97: The supplemental proceedings of the confere  
 Integrating technology into computer science education: working  
 and supplemental proceedings  
 Publisher: ACM  
 Full text available: Pdf (85.85 KB) Additional Information: [full citation](#), [references](#), [citec](#)  
 Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 38, Citation (

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found 20 of 239,255

- 3 [A modified IEEE 802.11 MAC protocol for MC-CDMA](#)  
 Georgios Orfanos, Jörg Habetha, Ling Liu  
 October 2004 PE-WASUN '04: Proceedings of the 1st ACM international wc  
 Performance evaluation of wireless ad hoc, sensor, and ubiqu  
 Publisher: ACM  
 Full text available: Pdf (207.76 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)  
 Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 44, Citation (


In this paper, we introduce a modified version of the IEEE 802.11a prot  
 its performance. The new protocol is a combination of the standard Med  
 Control (MAC) protocol of 802.11 and the Multi-Carrier Code Division M

Keywords: IEEE 802.11, MAC, MC-CDMA, WLAN

- 4 [A review of accident modelling approaches for complex socio-techni](#)  
 Zahid H. Qureshi

December 2007 SCS '07: Proceedings of the twelfth Australian workshop on critical systems and software and safety-related programming languages and systems - Volume 86 , Volume 86

Publisher: Australian Computer Society, Inc.


Full text available:  Pdf (450.16 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 45, Downloads (12 Months): 91, Citation

The increasing complexity in highly technological systems such as aviation traffic control, telecommunications, nuclear power plants, space mission, petroleum industry, and healthcare and patient safety is leading to potential


Keywords: accident analyses, organisational theory, safety-critical, social analysis, sociotechnical systems, systemic accident models, systems theory

##### 5 [ViewPointer: lightweight calibration-free eye tracking for ubiquitous computing](#)

 John D. Smith, Roel Vertegaal, Changuk Sohn

October 2005 UI ST '05: Proceedings of the 18th annual ACM symposium on software and technology

Publisher: ACM


Full text available:  Pdf (1.55 MB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 124, Citation

We introduce ViewPointer, a wearable eye contact sensor that detects distributed ubiquitous computers embedded in real world objects. ViewPointer consists of a wearable camera no more obtrusive than a common Bluetooth headset. It allows ...

Keywords: attentive user interface, eye tracking

##### 6 [Laboratory modules for conducting comparative analysis of 802.11 for network security](#)

 Raheel A. Malik, Raymond A. Hansen, James E. Goldman, Anthony H. Smith

October 2007 SIGITE '07: Proceedings of the 8th ACM SIGITE conference on information technology education

Publisher: ACM

Full text available:  Pdf (1.41 MB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 130, Citation

As wireless networking in the enterprise has gained popularity within recent years, demand for technical talent has increased in direct proportion to that demand. This occurred partially due to the complexity of troubleshooting and security

Keywords: information technology education, wireless networking education

##### 7 [Review: Snapgear lite: an inexpensive home office/small office firewall](#)

Alan Zeichick

April 2002 Linux Journal , Volume 2002 Issue 96

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (11.74 KB) Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 4, Citation C

## 8 [Design of an enhanced access point to optimize TCP performance in networks](#)

[Raffaele Bruno](#), [Marco Conti](#), [Enrico Gregori](#)

April 2007 *Wireless Networks* , Volume 13 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [Pdf](#) (564.19 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 139, Citatio

In the last years, the number of Wi-Fi hotspots at public venues has un substantial growth, promoting the WLAN technologies as the ubiquitous provide high-speed wireless connectivity in public areas. However, the a random ...

Keywords: IEEE 802.11, TCP, hotspot, multiple access protocol (MAC), evaluation, resource allocation

## 9 [Linux on linksys Wi-Fi routers](#)

[James Ewing](#)

August 2004 *Linux Journal* , Volume 2004 Issue 124


Publisher: Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (17.77 KB) Additional Information: [full citation](#), [abstract](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 17, Citation (

This sub-\$100 wireless box has 16MB of RAM and a 125MHz processor.

## 10 [Can ISPs be profitable without violating "network neutrality"?](#)

 [Amogh Dhamdhere](#), [Constantine Dovrolis](#)

August 2008 *NetEcon '08: Proceedings of the 3rd international workshop on networked systems*

Publisher: ACM

Full text available:  [Pdf](#) (178.91 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 98, Citation


At the core of the network neutrality debate we find that ISPs, in partici Access Providers (APs), are trying to find new ways to be profitable, des their transit traffic has been dramatically increasing, while they ...

Keywords: isp peering, isp pricing, network neutrality

## 11 [From voice-band modems to DSL technologies](#)

September 2001 *International Journal of Network Management* , Volum


Publisher: John Wiley & Sons, Inc.

Full text available:  [Pdf](#) (170.80 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)  
[review](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 127, Citation

This paper provides an overview of the evolution of digital transmission access network from voice-band modems to Digital Subscriber Line (DSL). The various types of DSL technology are described. Copyright © 2001 J

## 12 [On demand label switching for spontaneous edge networks](#)

 Vincent Untz, Martin Heusse, Franck Rousseau, Andrzej Duda  
August 2004 FDNA '04: Proceedings of the ACM SIGCOMM workshop on Future network architecture

Publisher: ACM

Full text available:  Pdf (267.58 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 44, Citation

We consider the problem of interconnecting hosts in spontaneous edge composed of various types of wired or wireless physical and link layer technologies. Some hosts in a spontaneous network can be organized as a multi-homed network, ...

Keywords: MPLS, ad-hoc networks, autoconfiguration, spontaneous network

## 13 [A distributed networking system for multimedia internet access services over ADSL](#)


Daniel Won-Kyu Hong, Choong Seon Hong  
November 2004 International Journal of Network Management , Volume 14  
Publisher: John Wiley & Sons, Inc.

Full text available:  Pdf (608.19 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 50, Citation

This paper proposes a distributed networking system architecture for Internet service provision using ATM over xDSL technology. We describe the hierarchical model in deploying ADSL services across the ATM access networks, which

## 14 [Personal & soho archiving](#)

 Stephan Strodl, Florian Motlik, Kevin Stadler, Andreas Rauber  
June 2008 JCSDL '08: Proceedings of the 8th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available:  Pdf (297.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 104, Citation

Digital objects require appropriate measures for digital preservation to ensure they can be accessed and used in the near and far future. While heritage institutions have been addressing the challenges posed by digital preservation needs for

Keywords: SOHO, digital preservation, home archiving, home user, local personal archiving

## 15 [Evaluation of a computer networking class in information technology](#)

 C. Richard G. Helps, J.J. Ekstrom  
October 2008 SIGITE '08: Proceedings of the 9th ACM SIGITE conference on

technology education

Publisher: ACM

Full text available:  Pdf (248.41 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 34, Citation

Information Technology (IT) is a rapidly-developing discipline. IT instruc new courses to meet changing needs. There is also a need to evaluate c have been designed and implemented. Evaluation of courses leads to im

Keyw ord s: course design, course evaluation, networking

#### 16 [Wireless LANs: from WarChalking to open access networks](#)

[Roberto Battiti](#), [Renato Lo Cigno](#), [Mikael Sabel](#), [Fredrik Orava](#), [Björn Pehr](#)

June 2005 *Mobile Networks and Applications* , Volume 10 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (2.45 MB) Additional Information: [full citation](#), [abstract](#), [referen](#)  
[terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 140, Citatio

This work discusses the evolution of W-LANs from their current status o termination of LAN services to a possible global infrastructure where the become open to multiple operators and a vehicle of a win-win scenario,

Keyw ord s: business models, open access networks, resource sharing, telecommunications architecture, user-operator interaction, wireless LAN

#### 17 [The Vertex project: exploring the creative use of shared 3D virtual worlds in primary \(K-12\) classroom](#)



[Fiona Bailey](#), [Magnus Moar](#)

July 2002 *SIGGRAPH '02: SIGGRAPH 2002 conference abstracts and appl*

Publisher: ACM

Full text available:  Pdf (216.38 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 28, Citation (

Children invent imaginary worlds and enact scenarios within them on a part of their imaginative play. Given the opportunity and the tools, what would children create for themselves within a virtual space, and what ki

#### 18 [Global growth of open access networks: from warchalking and connecting to sustainable business](#)



[Roberto Battiti](#), [Renato Lo Cigno](#), [Fredrik Orava](#), [Björn Pehrson](#)

September 2003 *WMASH '03: Proceedings of the 1st ACM international wor*  
Wireless mobile applications and services on WLAN hotspot

Publisher: ACM

Full text available:  Pdf (226.85 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)  
[terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 82, Citation

This paper discusses the evolution of W-LAN starting from the mere ext


services indoors, through the widespread diffusion of outdoors coverage often un-authorized access, to the business models supporting their evc

Keywords: 802.11, WiFi, mobility, open access networks

19 [EuQoS approach for resource allocation in ethernet networks](#)

[Maxweel Silva Carmo](#), [Jorge Sa Silva](#), [Edmundo Monteiro](#)

September 2007 [International Journal of Network Management](#) , Volume  
Publisher: John Wiley & Sons, Inc.

Full text available:  Pdf (615.28 KB) Additional Information: [full citation](#), [abstract](#), [referen](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 76, Citation (

Although the equipment currently available for Ethernet LANs provides l service (QoS) capabilities, as the ability of prioritizing traffic flows, it do more complex mechanisms like admission control or the ability of partic

20 [Reviews: Firebox II](#)

[Glenn Stone](#)

April 2001 [Linux Journal](#) , Volume 2001 Issue 84es





Publisher: Specialized Systems Consultants, Inc.

Full text available:  Html (9.72 KB) Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 4, Citation C

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)